



## Department of Energy

ROCKY FLATS PROJECT OFFICE  
10808 HIGHWAY 93, UNIT A  
GOLDEN, COLORADO 80403-8200

AUG 25 2004

04-DOE-00633

Mr. Steven H. Gunderson  
Rocky Flats Cleanup Agreement Project Coordinator  
Colorado Department of Public Health and Environment  
4300 Cherry Creek Drive South  
Denver, Colorado 80246-1530

Dear Mr. Gunderson:

Please find enclosed additional information addressing the Colorado Department of Public Health and Environment's concerns on the completed Rocky Flats Cleanup Agreement Type 1 Building Disposition Closeout Report for Building 128.

Questions may be directed to Gary Morgan at (303) 966-6003.

Sincerely,

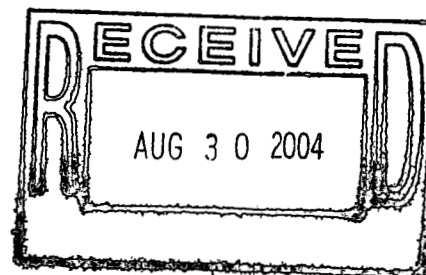
A handwritten signature in black ink, appearing to read "Joseph A. Legare", is positioned above the printed name.

Joseph A. Legare, Director  
RFPO Project Management

Enclosure

cc w/o Encl.:  
S. Nesta, K-H RISS Env.  
C. Freiboth, K-H RISS D&D  
K. Wiemelt, K-H RISS D&D  
M. Aguilar, USEPA  
D. Abelson, RFCLOG

cc w/Encl.  
F. Lockhart, OOM, RFPO  
G. Morgan, RFPM, RFPO  
Administrative Record



ADMIN RECORD

IA-A-002276

61-

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CORRESPONDENCE  
CONTROL



August 18, 2004

04-RF-00858

Gary Morgan, Functional Lead  
Cadre Project Management Division  
DOE, RFPO

**TRANSMITTAL OF CLOSE-OUT REPORT FOR BUILDING 128 - FEG-025-04**

Attached is the Closeout Report for the Type 1 facility Building 128, Vehicle Shelter. Please note that a copy of the report has been submitted to the CERCLA AR by the Kaiser-Hill RISS project.

Please contact Steve Nesta x6386 with questions or concerns.

*Dem Gibson*

Frank E. Gibbs  
Deputy Project Manager  
Remediation, Industrial D&D, and Site Services

Attachment:  
As Stated

SMN:pvt

Orig. and 1 cc - Gary Morgan

cc:  
Joseph Legare

## Type 1 Facility Closeout Report

<b>Section A. Facility Data</b>	
Facility No.	Building 128
Facility Descriptor:	Vehicle Shelter
Project:	RISS
Date of Demolition:	03/15/04
Additional Information:	Attached
<i>(Must include information on environmental releases and conditions of site at turnover to Environmental Restoration)</i>	
<b>Section B. Final Characterization Data</b>	
Reconnaissance Level Characterization Report <i>(concurrence received)</i>	RLCR for Area 5, Group 3 - Concurrence, Steven H. Gunderson to Joseph A. Legare, dated July 18, 2003.
In-process Characterization	N/A
Pre-Demolition Survey Report <i>(approval received)</i>	RLC functioned as PDS
Post-Demolition Survey Report <i>(as necessary)</i>	N/A
<b>Section C. Waste Data (complete categories as appropriate)</b>	
<u>Sanitary Disposal</u>	
Disposal Site:	BFI Foothills Hwy 93 Landfill
Waste Volume (m <sup>3</sup> ):	703
Waste Weight (tons):	594.08
Additional Information:	Waste included construction debris, concrete foundation and surrounding asphalt.
<u>Hazardous Disposal</u>	
Disposal Site:	Kettleman Hills Facility, Kettleman City, CA or Bethlehem Apparatus Co., Hellertown, PA.
Waste Volume (m <sup>3</sup> ):	Less than 1m <sup>3</sup>
Additional Information:	Circuit boards, fluorescent lamps, incandescent bulbs, sodium vapor bulbs, Hg switches, and sealed lead acid rechargeable batteries were moved to a RFCA Temporary Unit and combined with like waste streams for offsite disposal or recycle (circuit boards and batteries).
<u>TSCA Waste Disposal (other than ACM)</u>	
Disposal Site:	BFI Foothills Hwy 93 Landfill
Waste Volume (m <sup>3</sup> ):	< 1m <sup>3</sup>
Additional Information:	PCB ballasts (< 9 lbs. and not leaking) were sent to the landfill as PCB Bulk Product Waste co-mingled with building debris.
<u>Asbestos Waste Disposal</u>	
Additional Information:	NA No asbestos was generated
<u>Low-Level Waste Disposal</u>	
Additional Information:	N/A No LLW was generated
<u>Low-Level Mixed Waste Disposal</u>	
Additional Information:	N/A No LLMW was generated
<u>Recycled Material</u>	
Waste Volume (lbs.):	Freon R-22 14.0 lbs. (R-22)
Additional Information:	Freon transferred to PU&D for offsite resale/reuse.
<u>Property Disposition</u>	
Receiver Locations (major items only):	N/A
Additional Information:	PU&D removed miscellaneous equipment suitable for resale.

### Section D. Approvals

Kaiser-Hill Project Manager

Name/Signature

Date

**Historical Information:**

Building 128 was a vehicle shelter for plant protection vehicles and stores security supplies such as radios, belts, and boots. There is no history of any radiological or hazardous operations. No vehicle maintenance was performed in Building 128.

**Dates and duration of specific activities are shown below:**

CDPHE RLCR concurrence: July 18, 2003

Demolition permit application to CDPHE/Asbestos Unit: February 11, 2004

CDPHE demolition approval notice: February 18, 2004

Demolition start date: March 15, 2004

Demolition completion date: March 22, 2004

**Building Characterization:**

Reconnaissance Level Characterization (RLC) was performed to enable facility "Typing" as per the DPP (10/8/98) and compliant disposition and waste management of the Area 5, Group 3 (i.e., Buildings 119, T119B, 121, 122S, T124A, 127 and 128). Because B128 was anticipated Type 1 facility, the characterization was performed in accordance with the Pre-Demolition Survey Plan (MAN-127-PDSP) requirements. All facility surfaces were characterized and the data reported in the RLC report, including the interior and exterior surfaces (i.e., floor, walls, ceiling and roof).

RLC encompassed both radiological and chemical characterization to enable compliant disposition and waste management pursuant to the D&D characterization protocol (MAN-77-DDCP). The characterization was built upon physical, chemical and radiological hazards identified in the facility-specific Historical Site Assessment report.

Results indicated no radiological contamination existed in excess of the PDSP unrestricted release limits of DOE Order 5400.5. All beryllium smear sample results were less than  $0.1 \mu\text{g}/100\text{cm}^2$ . As part of the RLC, a visual and tactile survey of the building materials suspected of containing asbestos was conducted in Building. Building materials suspected of containing asbestos were not identified therefore no bulk sampling was performed in this facility as part of the RLC. All construction debris was free released and disposed of as sanitary waste.

**Physical Description:**

Building 128 was the vehicle shelter for the site security vehicles. Building was a 2,448 square-foot building constructed in 1980. The building was a non-insulated concrete block building with a prefabricated concrete panel roof constructed on a concrete pad. Building 128 had the following utilities: electrical and fire protection was provided by wall mounted fire extinguishers.

**Description of Site Condition at the End of Decommissioning:**

D&D of the building consisted of the demolition of the structure, pad, HVAC system, electrical conduit, lighting, and ductwork systems. RCRA components (i.e., fluorescent tubes, sodium vapor bulbs, incandescent bulbs, mercury switches, sealed lead acid batteries, Freon, electronic equipment and circuit boards) were segregated from non-hazardous materials and removed prior to demolition.

Environmental media beneath and surrounding the facility was not within the scope of this Project and will be addressed at a future date under the scope of the ER RSOP, if required. However no remedial action is planned. The asphalt parking lots and driveways around Building 128 were removed. The concrete pads at the entrances to the building were removed. All building debris was removed.

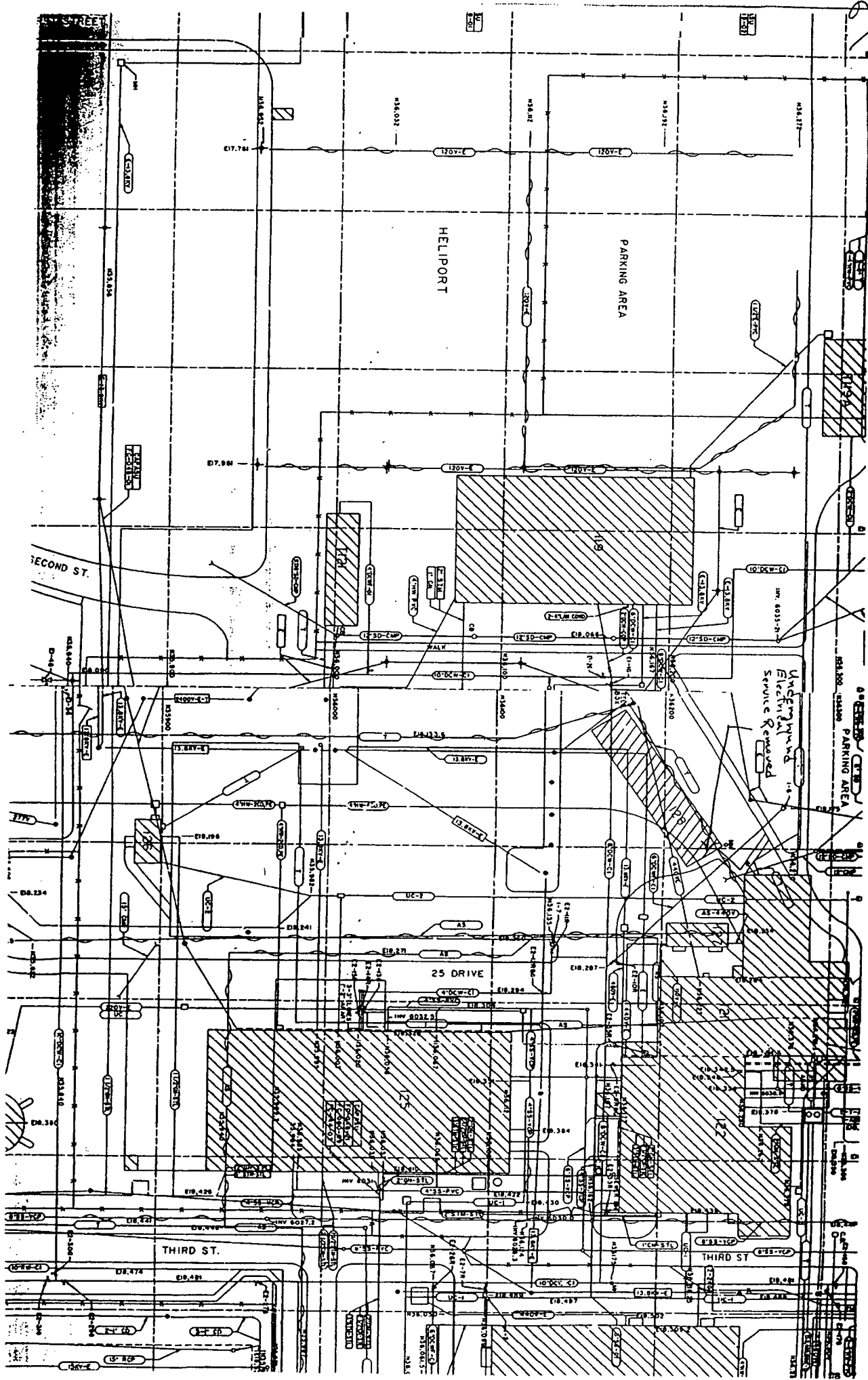
Electric service was provided through underground cables that were completely removed. The attached map shows the approximate utility disconnect locations. There are no UBC concerns, and no further work remains other than establishing the final grade and revegetation.

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**Additional Information:**

Listed below are the databases that provide the administrative controls for waste package and area information, chemical management, storage tank management, and RISS environmental compliance tracking. Applicable databases were updated to reflect the status of the building at the time of demolition/removal.

- Chemical Tracking System (CTS)
- Environmental Compliance Action Tracking System (ECATS)



Best Available Copy